

Supplemental data for response

Evaluation of Three Block Anesthesia Methods for Pain Management During Mandibular Third Molar Extraction: A Meta-analysis

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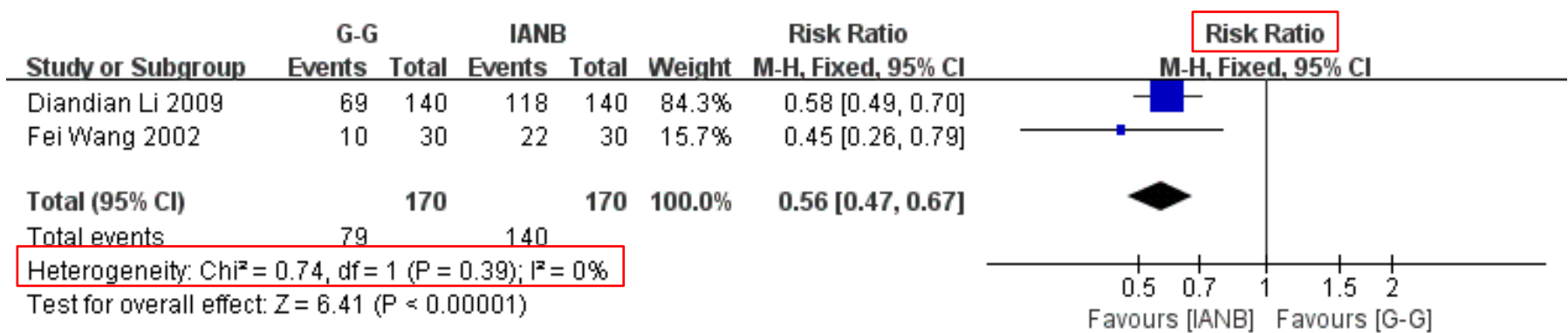
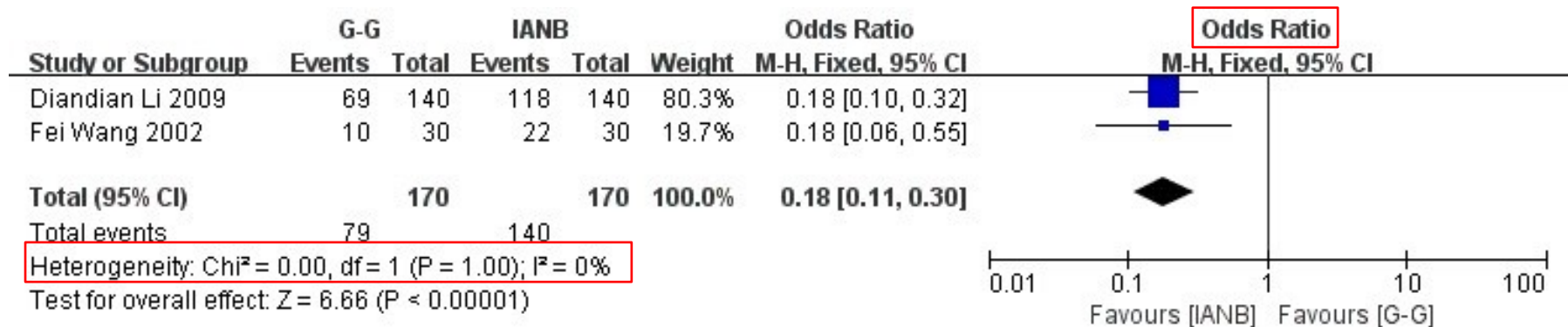
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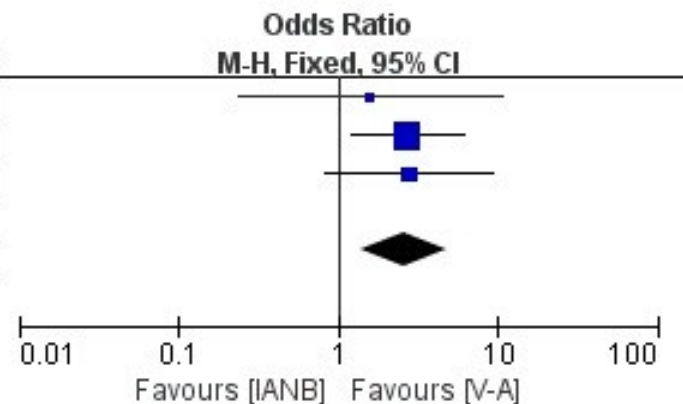
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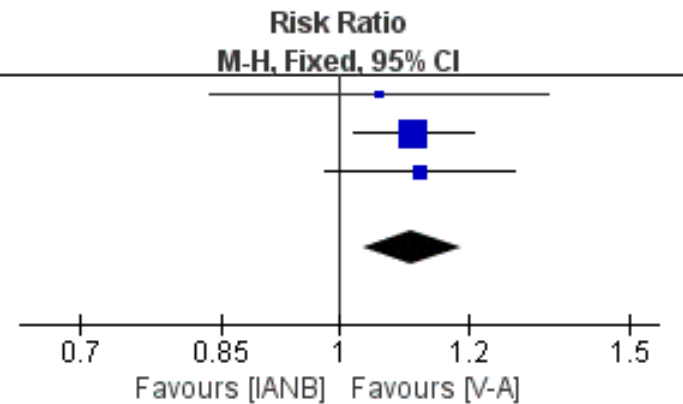
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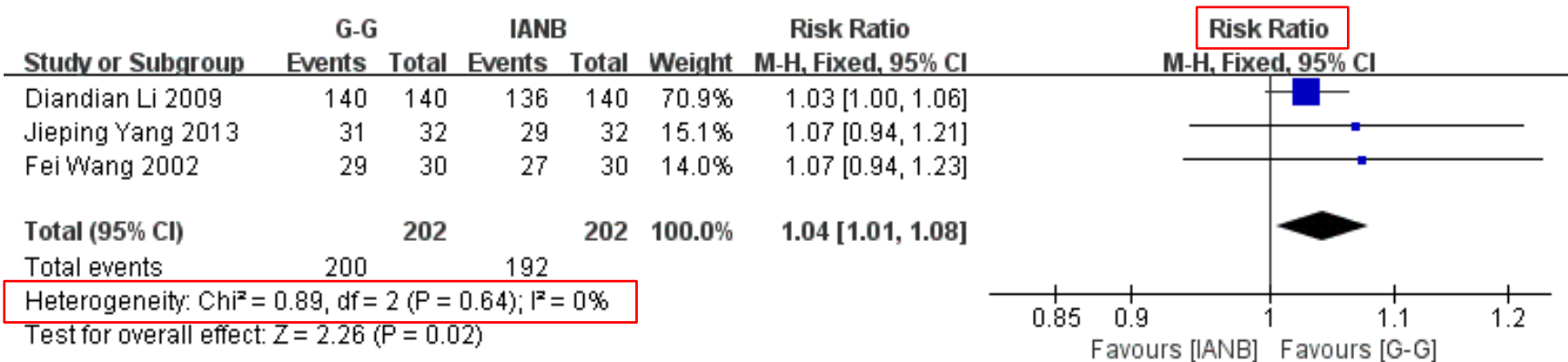
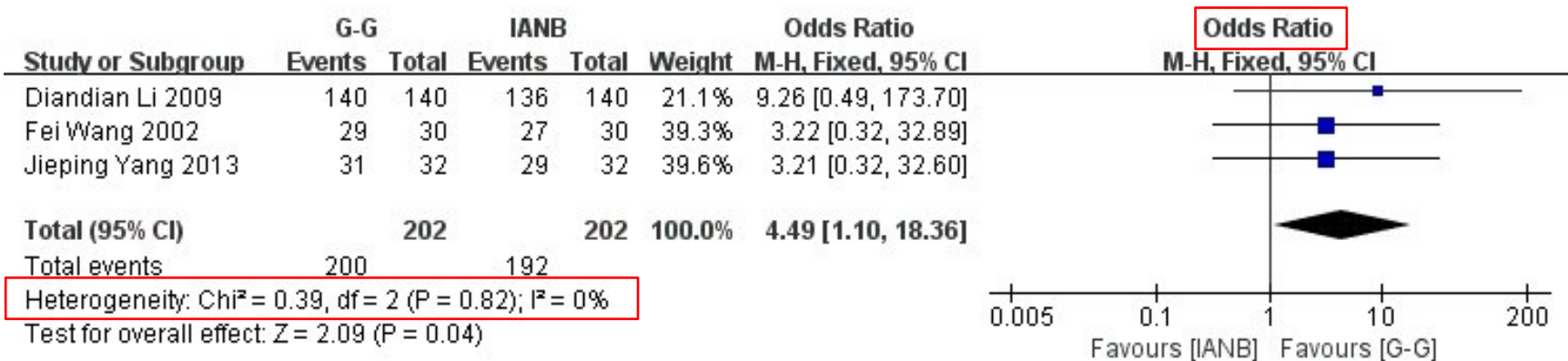


Study or Subgroup	V-A		IANB		Weight	Odds Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Allen, L 1896	18	20	17	20	13.5%	1.59 [0.24, 10.70]
Diandian Li 2009	131	140	118	140	60.1%	2.71 [1.20, 6.13]
Jizhong Lv 2009	56	60	50	60	26.4%	2.80 [0.83, 9.49]
Total (95% CI)		220		220	100.0%	2.58 [1.37, 4.89]
Total events	205		185			
Heterogeneity: Chi² = 0.28, df = 2 (P = 0.87); I² = 0%						
Test for overall effect: Z = 2.92 (P = 0.003)						

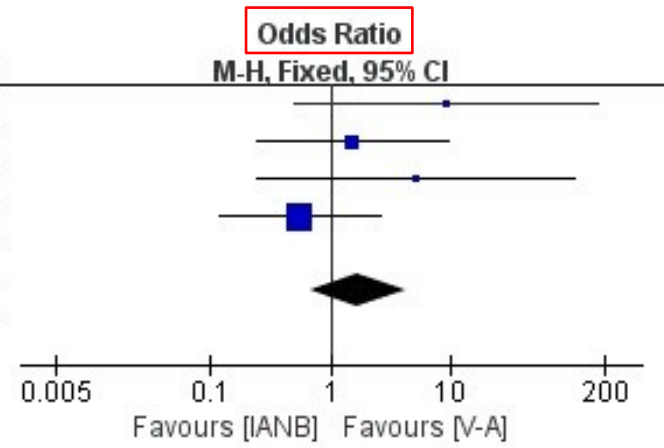


Study or Subgroup	V-A		IANB		Weight	Risk Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Allen, L 1896	18	20	17	20	9.2%	1.06 [0.84, 1.34]
Diandian Li 2009	131	140	118	140	63.8%	1.11 [1.02, 1.21]
Jizhong Lv 2009	56	60	50	60	27.0%	1.12 [0.98, 1.28]
Total (95% CI)		220		220	100.0%	1.11 [1.04, 1.19]
Total events	205		185			
Heterogeneity: Chi² = 0.17, df = 2 (P = 0.92); I² = 0%						
Test for overall effect: Z = 2.97 (P = 0.003)						

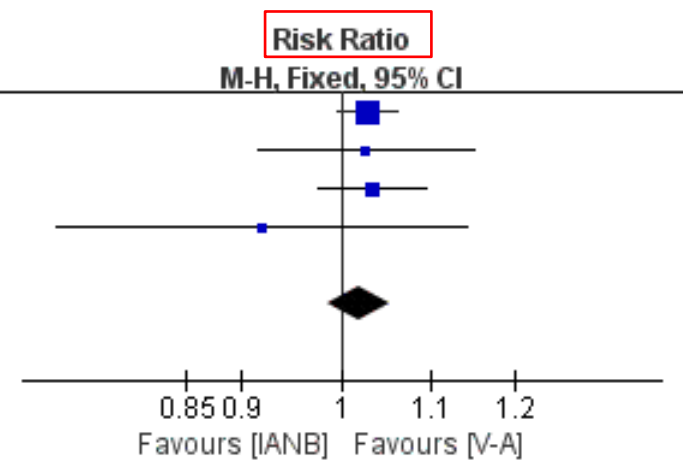


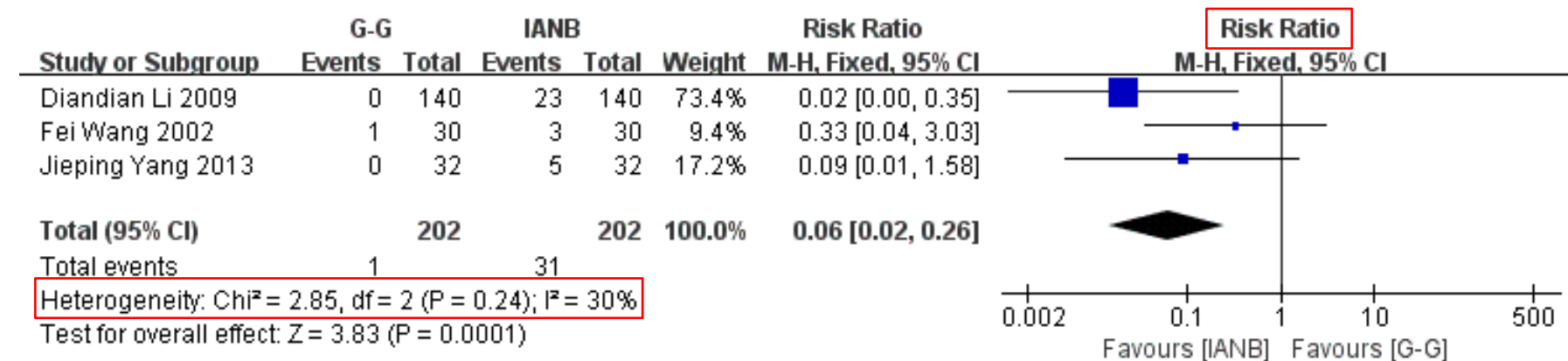
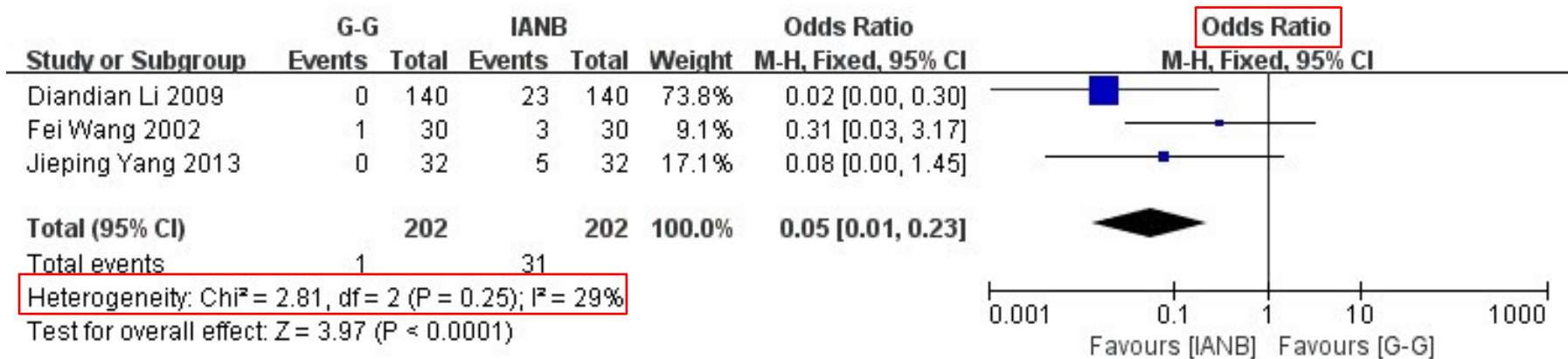


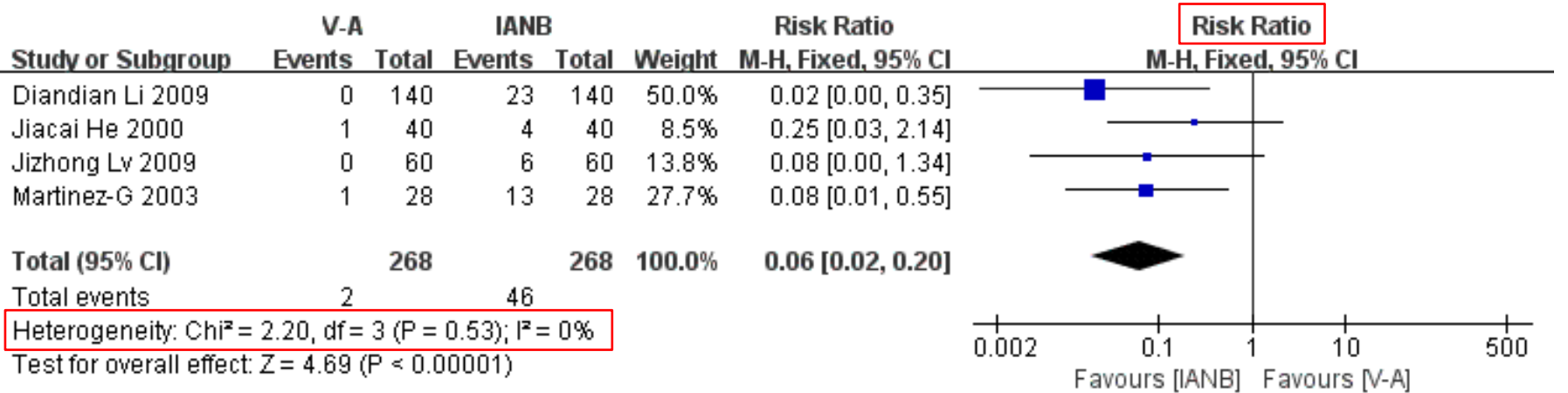
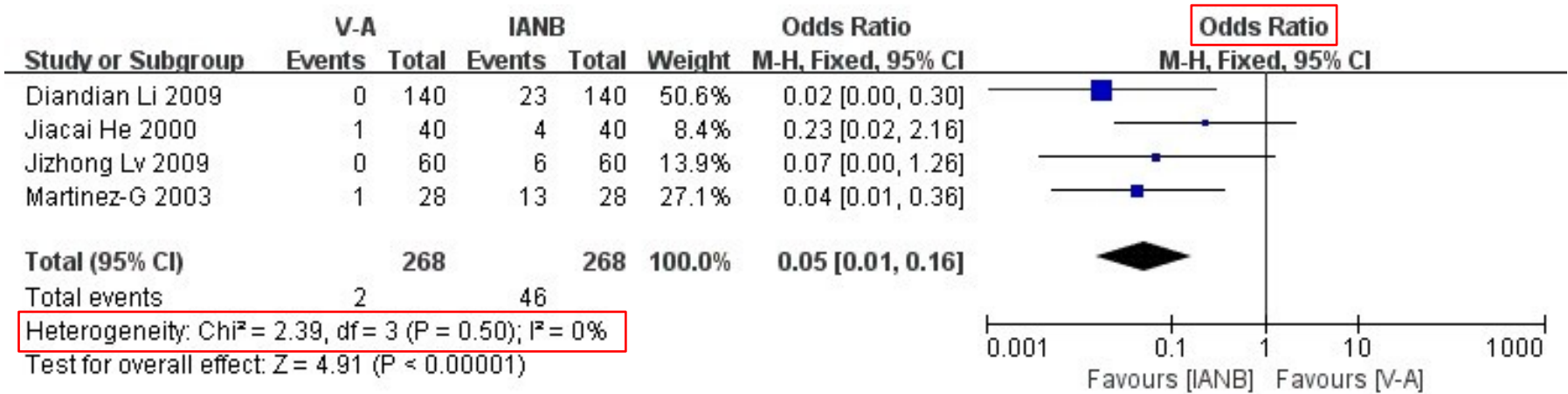
Study or Subgroup	V-A		IANB		Weight	Odds Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Diandian Li 2009	140	140	136	140	6.7%	9.26 [0.49, 173.70]
Jiacai He 2000	38	40	37	40	25.4%	1.54 [0.24, 9.75]
Jizhong Lv 2009	60	60	58	60	6.6%	5.17 [0.24, 110.01]
Martinez-G 2003	23	28	25	28	61.3%	0.55 [0.12, 2.57]
Total (95% CI)		268		268	100.0%	1.69 [0.67, 4.23]
Total events	261		256			
Heterogeneity: Chi ² = 3.85, df = 3 (P = 0.28); I ² = 22%						
Test for overall effect: Z = 1.12 (P = 0.26)						



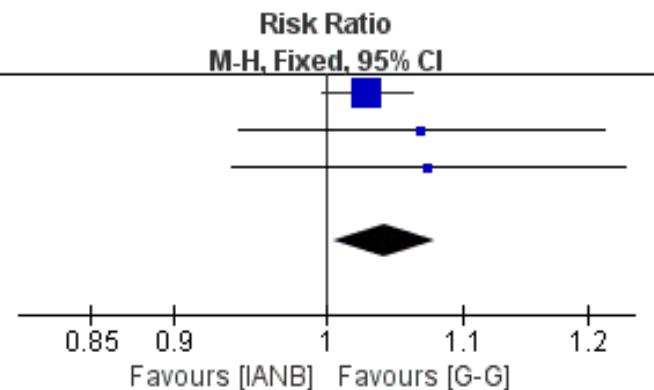
Study or Subgroup	V-A		IANB		Weight	Risk Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Diandian Li 2009	140	140	136	140	53.1%	1.03 [1.00, 1.06]
Jiacai He 2000	38	40	37	40	14.4%	1.03 [0.92, 1.15]
Jizhong Lv 2009	60	60	58	60	22.8%	1.03 [0.98, 1.09]
Martinez-G 2003	23	28	25	28	9.7%	0.92 [0.74, 1.14]
Total (95% CI)		268		268	100.0%	1.02 [0.99, 1.05]
Total events	261		256			
Heterogeneity: Chi ² = 1.49, df = 3 (P = 0.68); I ² = 0%						
Test for overall effect: Z = 1.13 (P = 0.26)						



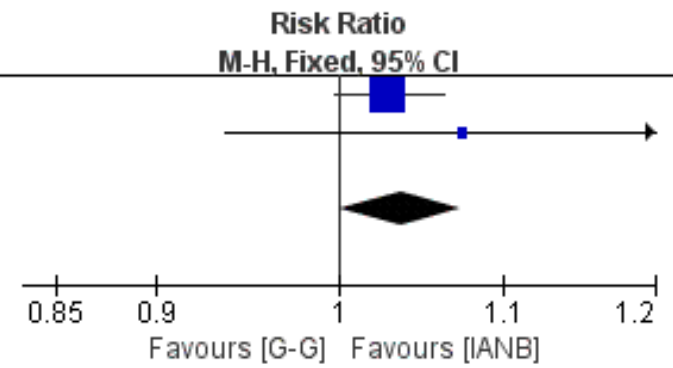


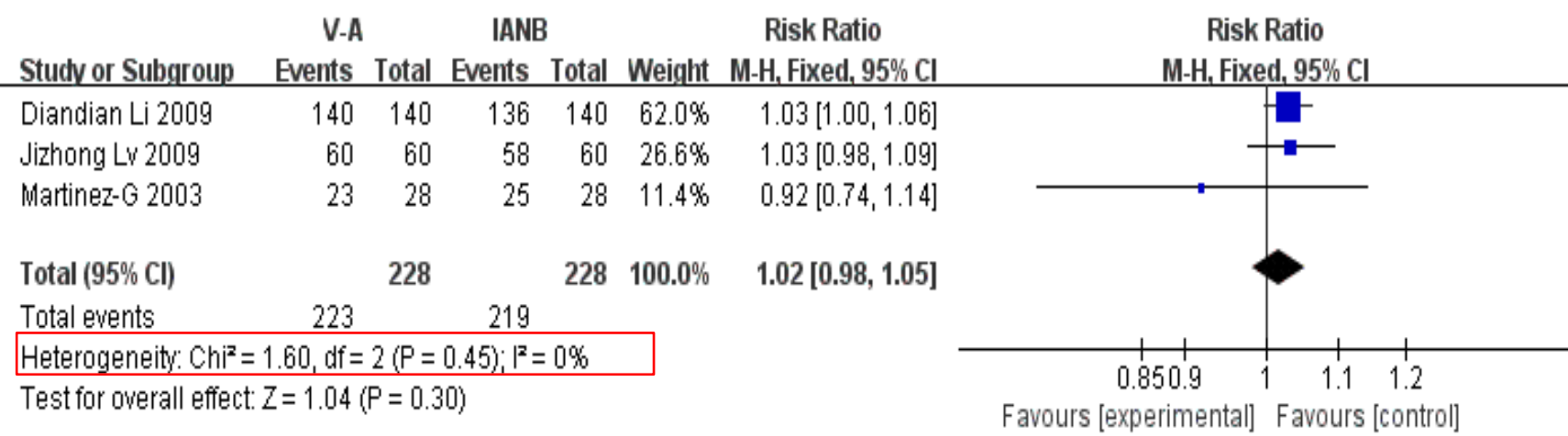
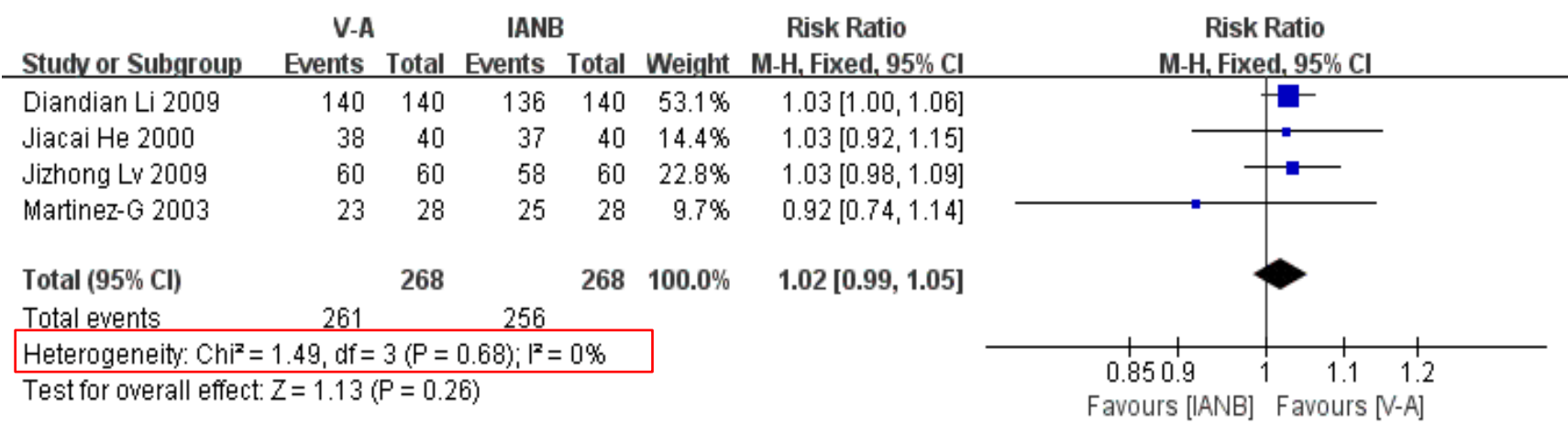


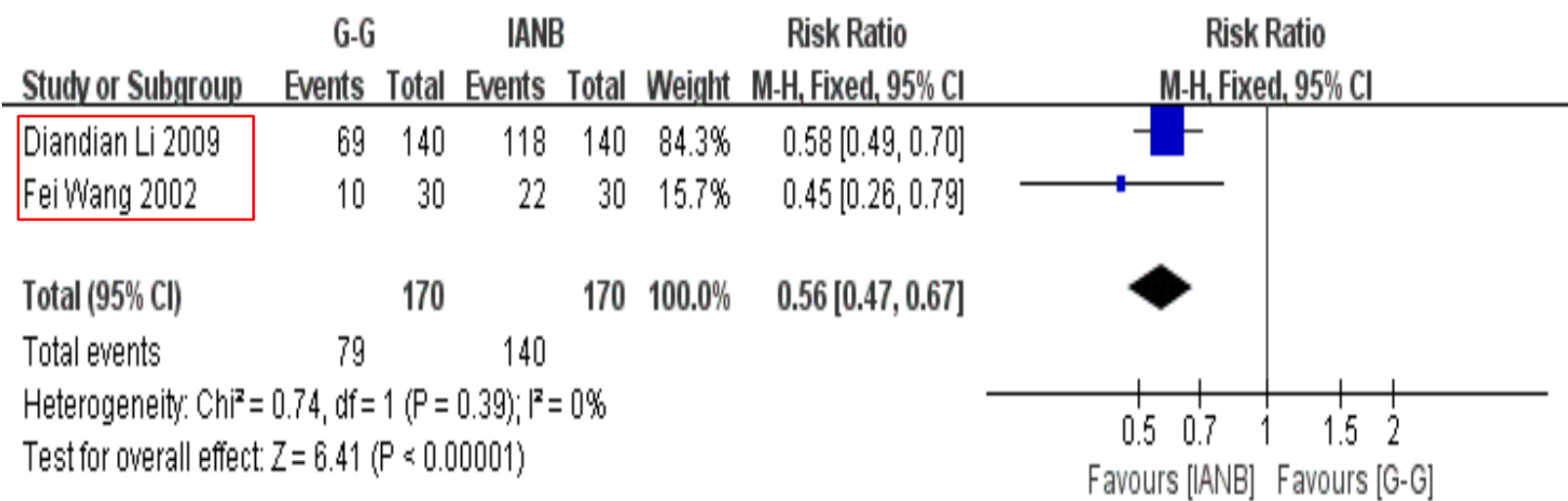
Study or Subgroup	G-G		IANB		Weight	Risk Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Diandian Li 2009	140	140	136	140	70.9%	1.03 [1.00, 1.06]
Jieping Yang 2013	31	32	29	32	15.1%	1.07 [0.94, 1.21]
Fei Wang 2002	29	30	27	30	14.0%	1.07 [0.94, 1.23]
Total (95% CI)		202		202	100.0%	1.04 [1.01, 1.08]
Total events	200		192			
Heterogeneity: Chi² = 0.89, df = 2 (P = 0.64); I² = 0%						
Test for overall effect: Z = 2.26 (P = 0.02)						



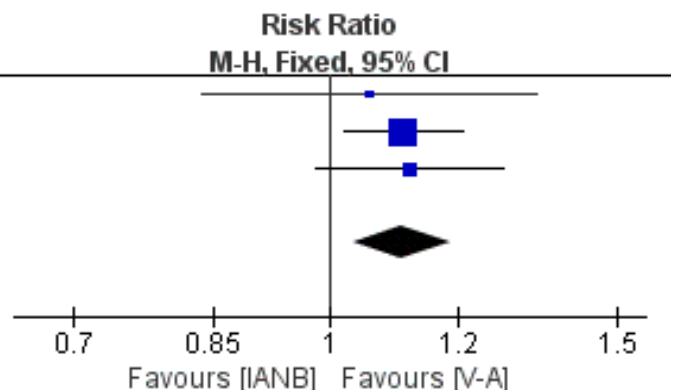
Study or Subgroup	G-G		IANB		Weight	Risk Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Diandian Li 2009	140	140	136	140	83.5%	1.03 [1.00, 1.06]
Fei Wang 2002	29	30	27	30	16.5%	1.07 [0.94, 1.23]
Total (95% CI)		170		170	100.0%	1.04 [1.00, 1.07]
Total events	169		163			
Heterogeneity: Chi² = 0.46, df = 1 (P = 0.50); I² = 0%						
Test for overall effect: Z = 2.03 (P = 0.04)						



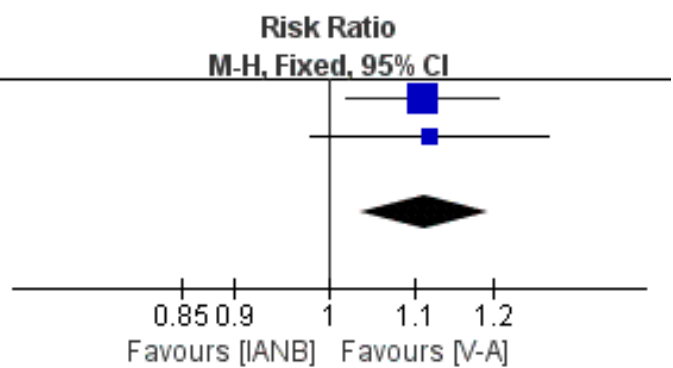


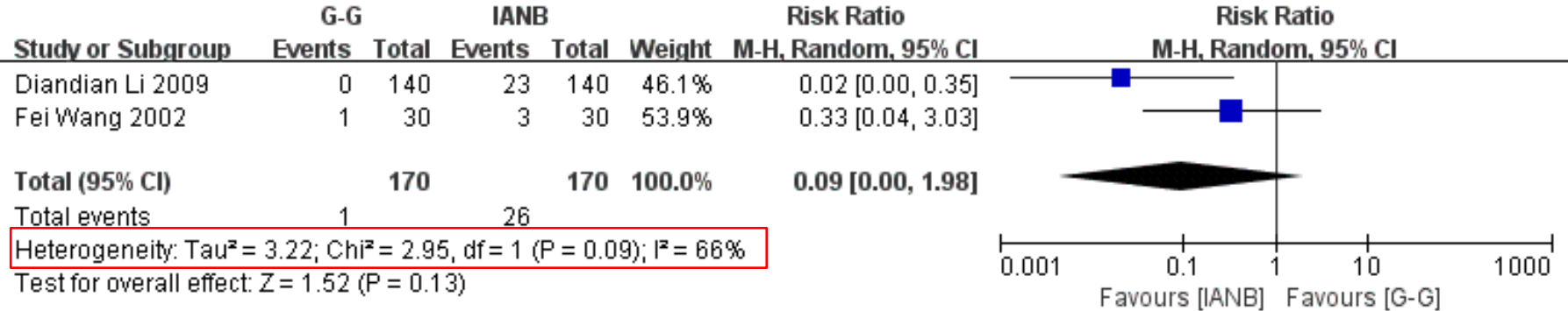
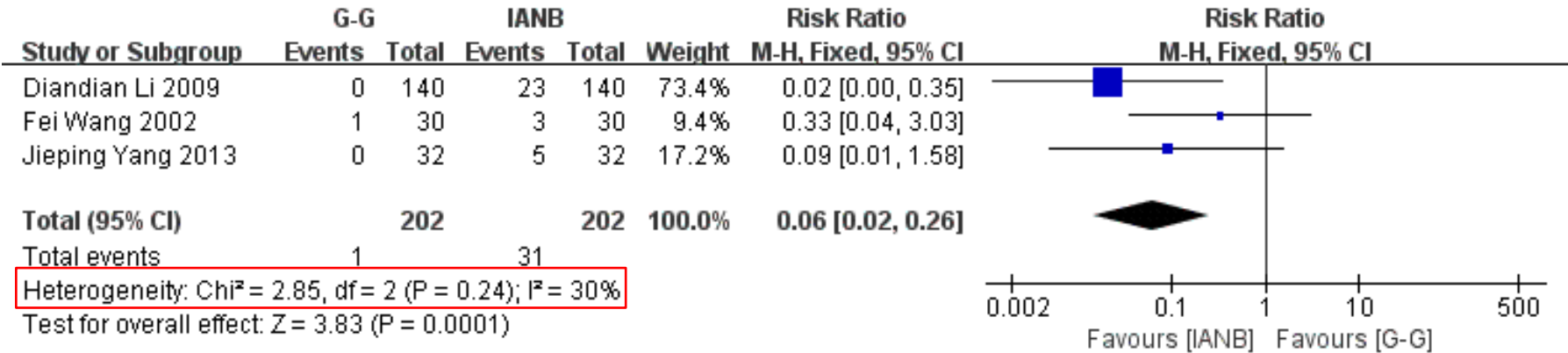


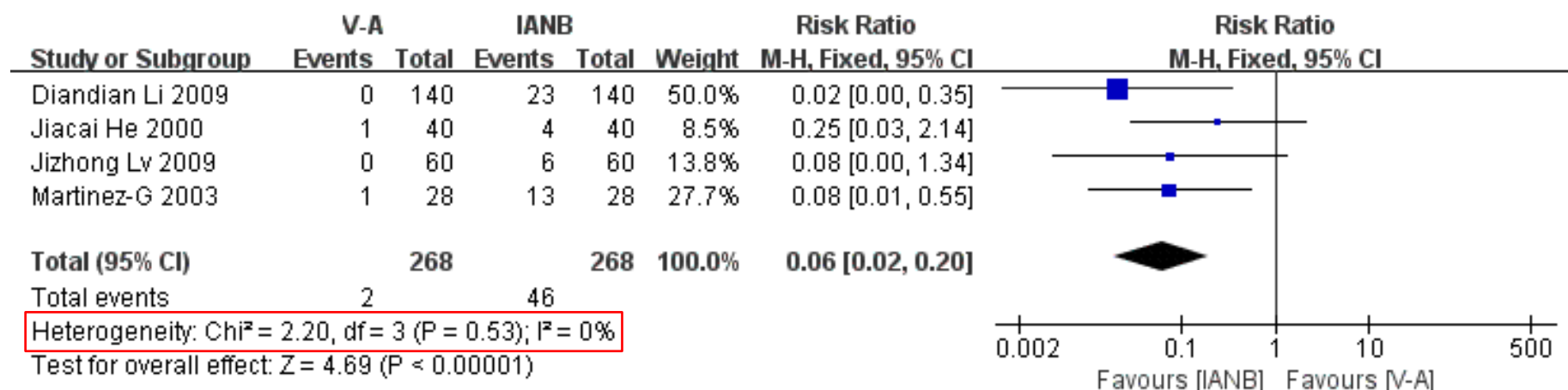
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Total (95% CI)		220		220	100.0%	1.11 [1.04, 1.19]
Total events	205		185			
Heterogeneity: Chi² = 0.17, df = 2 (P = 0.92); I² = 0%						
Test for overall effect: Z = 2.97 (P = 0.003)						



Study or Subgroup	V-A		IANB		Weight	Risk Ratio M-H, Fixed, 95% CI
	Events	Total	Events	Total		
Diandian Li 2009	131	140	118	140	70.2%	1.11 [1.02, 1.21]
Jizhong Lv 2009	56	60	50	60	29.8%	1.12 [0.98, 1.28]
Total (95% CI)		200		200	100.0%	1.11 [1.04, 1.19]
Total events	187		168			
Heterogeneity: Chi² = 0.01, df = 1 (P = 0.91); I² = 0%						
Test for overall effect: Z = 2.97 (P = 0.003)						







Flow Diagram

